Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Monday 20 Feb 2023 until 23:59 on Tuesday 21 Feb 2023

Forecast Issued on Sunday 19 Feb 2023 at 11:48

Confidence: High at first, falling low for timing of improvement on Wednesday.

Headline for Monday 20 Feb 2023: Overcast with extensive hill fog and outbreaks of mostly light rain and drizzle. Freezing level above summits and strong to gale west to southwest winds

Mountain weather hazards on Monday 20 Feb 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG	FOG	FOG	FOG	FOG	FOG
Fog	Fog	Fog	Fog	Fog	Fog	Fog	Fog
Precipitation probability							
80%	80%	60%	60%	60%	60%	60%	60%

Forecast for Monday 20 Feb 2023

Weather: Cloudy throughout with hill fog and occasional mostly light rain and drizzle, sometimes persistent, and a little heavier over southern and western fells.

Chance of cloud-free hill tops above 800m: 10% or less.

Low cloud and visibility: Extensive cloud, bases mostly 450-700m, occasionally a little higher over sheltered eastern slopes, bringing very poor visibility. Below the cloud, visibility moderate to good occasionally poor in drizzle.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Monday 20 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	43/54 SW	42/54 SW	38/50 SW	38/49 SW	35/45 SW	30/39 SW	30/39 SW	27/35 SW	25/33 SW
600	32/45 SW	33/45 SW	31/44 SW	28/40 SW	27/38 SW	22/32 SW	23/32 SW	20/30 SW	18/27 SW
300	13/36 SW	14/37 SW	13/36 SW	12/33 SW	11/31 SW	9/26 SW	10/27 SW	9/24 SW	8/21 SW
Valley	14/34 SW	15/34 SW	15/34 SW	14/31 SW	14/30 SW	11/26 SW	12/27 SW	11/23 SW	10/22 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	4/-3	4/-3	4/-3	4/-2	5/-2	5/-1	4/-2	4/-2	4/-2
600	6/-0	6/-0	6/-0	6/0	6/1	6/1	6/1	6/1	6/1
300	7/4	7/4	7/4	7/4	8/5	8/5	7/4	7/5	7/5
Valley	8/5	9/5	9/6	9/6	9/6	9/7	9/6	9/6	9/6
Freezing Level*	1800m	1600m	1600m	1800m	1800m	1900m	1800m	1900m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Navigational difficulties the main hazard on Monday with strong winds and wetting conditions combining to bring a considerable chill across the felltops.

Forecast for Tuesday 21 Feb 2023

Weather: Another cloudy day but mostly dry, with just a few patches of light drizzle.

Maximum wind: Southwest 20 gusts 30mph.

Chance of cloud-free hill tops above 800m: 10% rising 40% for a time around the middle of the day

Low cloud and visibility: Cloud extensive between 400-600m tending to lift 700-900m for a time around the middle of the day before lowering again later. Bases a little higher in the northeast with perhaps a few breaks.

Temperature: **Valleys:** Plus 10 Celsius
At 800m: Plus 3 Celsius
Freezing level: Above summits

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Mountain Weather Forecast

Ground Conditions Supplement
Date: Sunday 19 February. Location: Helvellyn summit at 14:15. Full report: The Lake District fells are generally clear of snow at all altitudes with just a few drifts and old cornices hanging in there above 900m on steep north through east aspects. Due to their location walkers are very unlikely to come across them apart from on the exit to Swirral Edge where there is a small patch which is easily bypassed on rock.

Despite the lack of winter, summit temperatures were only just above freezing and this combined with poor visibility, wind and rain can give very challenging conditions. Walkers should be well prepared with plenty of warm and waterproof clothing, hats & gloves, a headtorch and a reliable and appropriate method of navigation. If using a GPS or mobile phone app it is essential to carry a backup map and compass and have the skills to use them
Temperature: plus 2.5C, Maximum wind speed 32.7mph, Wind chill: minus 5.5C, Average wind speed: 28.4mph..

Issued at: 1838 on Sun 19 Feb 2023

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